

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NON-VOLATILE MEMORY DEVICE HAVING FLOATING TRAP TYPE MEMORY CELL AND METHOD OF FORMING THE SAME, the specification of which:

- ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_  
☐ and was amended on \_\_\_\_\_ (if applicable)  
☐ with amendments through \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Claiming Priority?	
			<input checked="" type="checkbox"/>	<input type="checkbox"/>
			Yes	No
2001-47944	Republic of Korea	9 August 2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under Title 35, United States Code, Sec. 119(e) of any United States provisional application listed below:

COPY

Provisional Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, Sec. 120 or §365(c) of any PCT international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)  
abandoned)

(Filing Date)

(Status) (patented, pending,

I hereby appoint the following attorneys to prosecute the application, to file a corresponding international application, to prosecute and transact all business in the Patent and Trademark Office connected therewith:

**\*20575\***

**20575**

PATENT TRADEMARK OFFICE

<u>Attorney Name</u>	<u>Registration No.</u>
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Direct all telephone calls to Alan T. McCollom at (503) 222-3613 and send all correspondence to:

MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of sole or first inventor: Chang-Hyun LEE

Inventor's signature: ChangHyun Lee

Aug. 8, 2002

(Date)

Residence: Kyunggi-do, Republic of Korea

Citizenship: Republic of Korea

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Full name of second joint inventor: Jung-Dal CHOI

Inventor's signature: JungDal Choi

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(Date)

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Citizenship: Republic of Korea

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**Full name of third joint inventor:** Wang-Chul SHIN

**Inventor's signature:** *Wang-chul Shin* .....

*Aug. 8. 2002*

**(Date)**

**Residence:** Kyunggi-do, Republic of Korea

**Citizenship:** Republic of Korea

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Chang-Hyun LEE, Jung-Dal CHOI and Wang-Chul SHIN
2. Name and address of party(ies) receiving an interest: Samsung Electronics Co., Ltd.  
San 16, Banwoi, ri, Tae'an-eub, Hwasung-city  
Gyeonggi-do KOREA

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Date of execution of attached document: August 8, 2002

4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No \_\_\_

If this document is being filed together with a new application, the execution date of the application is: August 9, 2002

A. Patent Application No.

B. Patent No.

5. Name and address of party to whom correspondence concerning document should be mailed:

MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

6. Number of applications and patents involved: 1
7. PTO Form 2038 authorizing credit card payment (\$40) is enclosed.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: August 9, 2002

COPY OF ORIGINAL  
ASSIGNMENT  
DO NOT RECORD

Respectfully submitted,  
MARGER JOHNSON & McCOLLOM, P.C.



Alan T. McCollom  
Reg. No. 28,881

COPY

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1030 SW Morrison Street  
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Total number of pages comprising  
cover sheet and attached assignment: 3

**PATENT APPLICATION**  
**Atty's Do. No. 4591-274**  
**Koryo Ref. No.: IE11120-US**

**ASSIGNMENT**

**U.S.A. Patent Application**  
**Sole or Joint**  
**For Inventions Made Outside U.S.A.**  
**Executed With Application**

**In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:**

- (1) Chang-Hyun LEE**
- (2) Jung-Dal CHOI**
- (3) Wang-Chul SHIN**

☐ **X if continued on separate page**

**the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:**

**SAMSUNG ELECTRONICS CO., LTD.**  
**416 MAETAN-DONG, PALDAL-KU**  
**SUWON-CITY, KYUNGKI-DO**  
**REPUBLIC OF KOREA**

**(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:**

**NON-VOLATILE MEMORY DEVICE HAVING FLOATING TRAP TYPE**  
**MEMORY CELL AND METHOD OF FORMING THE SAME**

**for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;**

**And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.**

**COPY OF ORIGINAL**  
**ASSIGNMENT**  
**DO NOT RECORD**

Please sign  
concurrently  
with Oath or Declaration  
and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Chang-Hyun Lee</u> Chang-Hyun LEE	<u>Aug. 8, 2002</u>	<u>Lee Zoon Lee</u>
(2) <u>Jung Dal Choi</u> Jung-Dal CHOI	<u>Aug. 8, 2002</u>	<u>Hun Sung-han</u>
(3) <u>Wang-Chul Shin</u> Wang-Chul SHIN	<u>Aug. 8, 2002</u>	<u>Kim Sang-chun</u>

PLEASE RETURN RECORDED ASSIGNMENT TO:

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